

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-5 (canceled)

1 Claim 6 (previously presented): A print system formed of
2 a digital camera and a printer, each including control
3 means for controlling operations thereof, functionally
4 connected one to another;

5 wherein the digital camera has a configuration
6 wherein data forming an image which is to be printed with
7 the printer can be supplied to the printer, a secondary
8 battery, which is a power source thereof, can be charged
9 by receiving electric power supplied from the printer,
10 wherein a state of each function including a state of the
11 secondary battery can be displayed on a predetermined
12 display unit, under control of the control means thereof;

13 wherein the printer has a configuration wherein an
14 image can be printed based upon the image data supplied
15 from the digital camera, and electric power can be
16 supplied to the digital camera so as to charge the
17 secondary battery thereof, under control of the control
18 means thereof;

19 wherein the digital camera has a configuration
20 wherein in the event that the digital camera and the
21 printer are functionally connected one to another, a
22 display is displayed on the predetermined display unit
23 thereof for notifying the state of the secondary battery;
24 and

25 wherein a first display arrangement wherein an image
26 which is to be printed, or which is a candidate to be
27 printed, is displayed as a main display with a relatively
28 large size, and a display for notifying the state of the
29 secondary battery is displayed as a sub-display with a
30 relatively small size, on the same screen on the
31 predetermined display unit of the digital camera, and a
32 second display arrangement wherein a display for
33 notifying the state of the secondary battery is displayed
34 as a main display with a relatively large size, and an
35 image which is to be printed, or which is a candidate to
36 be printed, is displayed as a sub-display with a
37 relatively small size, on the same screen, are freely
38 selected by the user, under control of the control means.

Claims 7-8(canceled)

1 Claim 9 (previously presented): A print system formed of
2 a digital camera and a printer, each including control
3 means for controlling operations thereof, functionally
4 connected one to another;

5 wherein the digital camera has a configuration
6 wherein data forming an image which is to be printed with
7 the printer can be supplied to the printer, a secondary
8 battery, which is a power source thereof, can be charged
9 by receiving electric power supplied from the printer,
10 wherein a state of each function including a state of the
11 secondary battery can be displayed on a predetermined
12 display unit, under control of the control means thereof;

13 wherein the printer has a configuration wherein an
14 image can be printed based upon the image data supplied
15 from the digital camera, and electric power can be
16 supplied to the digital camera so as to charge the
17 secondary battery thereof, under control of the control
18 means thereof;

19 wherein the digital camera has a configuration
20 wherein in the event that the digital camera and the
21 printer are functionally connected one to another, a
22 display is displayed on the predetermined display unit
23 thereof for notifying the state of the secondary battery;
24 and

25 wherein in a case that a display is performed for an
26 image which is to be printed, or which is a candidate to
27 be printed, on the predetermined display unit of the
28 digital camera, and the user performs no operation for
29 the digital camera for a predetermined second period of
30 time or more, and in the event the secondary battery is
31 not being presently charged, the display is turned off,
32 and on the other hand, in the event that the secondary
33 battery is being presently charged, the display is
34 automatically switched to a display for notifying the
35 state of the secondary battery, and furthermore, in the
36 event that the display is performed for notifying the
37 state of the secondary battery due to the switching, and
38 the user performs no operation for the digital camera for
39 a predetermined first period of time or more, the display
40 is turned off, under control of the control means.

Claims 10-14 (canceled)

1 Claim 15 (previously presented): A print system formed
2 of a digital camera and a printer, each including control
3 means for controlling operations thereof, functionally
4 connected one to another,

5 wherein the digital camera includes: image data
6 transmitting means for supplying image data forming an
7 image which is to be printed with the printer, of the
8 image data acquired by the image-taking means, to the
9 printer, under control of the control means thereof and
10 the control means of the printer, communicating with each
11 other; a charging circuit for charging a secondary
12 battery employed as a power source thereof by receiving
13 electric power supplied from the printer; a battery
14 monitoring circuit unit for detecting and monitoring a
15 state of the secondary battery, and supplying the
16 detected state to the control means of the digital
17 camera; display means for displaying a state of each
18 function including the state of the secondary battery on
19 a predetermined display unit under control of the control
20 means of the digital camera and an operation unit for
21 receiving operations performed by the user;

22 wherein the printer includes: image data receiving
23 means for receiving image data supplied from the digital
24 camera, under control of the control means thereof and
25 the control means of the digital camera, communicating
26 with each other; printing means having a configuration
27 wherein an image can be printed based upon the received
28 image data; and an electric power supply circuit having a
29 configuration wherein electric power can be supplied to
30 the digital camera so as to charge the secondary battery;

31 wherein the digital camera has a configuration
32 wherein the information with regard to the state of the
33 secondary battery detected and acquired by the battery
34 monitoring circuit unit at the time of the start of the
35 print system is displayed on the predetermined display
36 unit under control of the control means thereof; and

37 wherein the digital camera has a configuration
38 wherein a first display arrangement wherein an image
39 which is to be printed, or which is a candidate to be
40 printed, is displayed as a main display with a relatively
41 large size, and a display for notifying the state of the
42 secondary battery is displayed as a sub-display with a
43 relatively small size, on the same screen on the display
44 unit of the digital camera, and a second display
45 arrangement wherein a display for notifying the state of
46 the secondary battery is displayed as a main display with
47 a relatively large size, and an image which is to be
48 printed, or which is a candidate to be printed, is
49 displayed as a sub-display with a relatively small size,
50 on the same screen, are freely selected by the user
51 performing operations for the operation unit, under
52 control of the control means thereof.

Claims 16-17 (canceled)

1 Claim 18 (previously presented): A print system formed
2 of a digital camera and a printer, each including control
3 means for controlling operations thereof, functionally
4 connected one to another,

5 wherein the digital camera includes: image data
6 transmitting means for supplying image data forming an
7 image which is to be printed with the printer, of the
8 image data acquired by the image-taking means, to the
9 printer, under control of the control means thereof and
10 the control means of the printer, communicating with each
11 other; a charging circuit for charging a secondary
12 battery employed as a power source thereof by receiving
13 electric power supplied from the printer; a battery
14 monitoring circuit unit for detecting and monitoring a
15 state of the secondary battery, and supplying the
16 detected state to the control means of the digital
17 camera; display means for displaying a state of each
18 function including the state of the secondary battery on
19 a predetermined display unit under control of the control
20 means of the digital camera and an operation unit for
21 receiving operations performed by the user;

22 wherein the printer includes: image data receiving
23 means for receiving image data supplied from the digital
24 camera, under control of the control means thereof and
25 the control means of the digital camera, communicating
26 with each other; printing means having a configuration
27 wherein an image can be printed based upon the received
28 image data; and an electric power supply circuit having a
29 configuration wherein electric power can be supplied to
30 the digital camera so as to charge the secondary battery;

31 wherein the digital camera has a configuration
32 wherein the information with regard to the state of the
33 secondary battery detected and acquired by the battery
34 monitoring circuit unit at the time of the start of the

35 print system is displayed on the predetermined display
36 unit under control of the control means thereof; and
37 wherein the digital camera has a configuration
38 wherein in a case that a display is performed for an
39 image which is to be printed, or which is a candidate to
40 be printed, on the display unit, and the user performs no
41 operation for the operation unit for a predetermined
42 second period of time or more, and in the event the
43 secondary battery is not being presently charged, the
44 display is turned off, and on the other hand, in the
45 event that the secondary battery is being presently
46 charged, the display is automatically switched to a
47 display for notifying the state of the secondary battery,
48 and furthermore, in the event that the display is
49 performed for notifying the state of the secondary
50 battery due to the switching, and the user performs no
51 operation for the operation unit for a predetermined
52 first period of time or more, the display is turned off,
53 under control of the control means thereof.

Claims 19-23 (canceled)

1 Claim 24 (previously presented): A digital camera
2 employed for a print system formed of the digital camera
3 and a printer, each including control means for
4 controlling operations thereof, functionally connected
5 one to another, the digital camera comprising:
6 image taking means for obtaining image data
7 corresponding to a subject;

8 image data transmitting means for supplying the
9 image data forming an image which is to be printed with
10 the printer, of the image data acquired by the image-
11 taking means, to the printer, under control of the
12 control means thereof and the control means of the
13 printer, communicating with each other;

14 a charging circuit for charging a secondary battery
15 employed as a power source thereof by receiving electric
16 power supplied from the printer;

17 a battery monitoring circuit unit for detecting and
18 monitoring a state of the secondary battery, and
19 supplying the detected state to the control means
20 thereof;

21 display means for displaying a state of each
22 function including the state of the secondary battery on
23 a predetermined display unit under control of the control
24 means thereof; and

25 an operation unit for receiving operations performed
26 by the user,

27 wherein a first display arrangement wherein an image
28 which is to be printed, or which is a candidate to be
29 printed, is displayed as a main display with a relatively
30 large size, and a display for notifying the state of the
31 secondary battery is displayed as a sub-display with a
32 relatively small size, on the same screen on the display
33 unit, and a second display arrangement wherein a display
34 for notifying the state of the secondary battery is
35 displayed as a main display with a relatively large size,
36 and an image which is to be printed, or which is a
37 candidate to be printed, is displayed as a sub-display

38 with a relatively small size, on the same screen, are
39 freely selected by the user performing operations for the
40 operation unit, under control of the control means
41 thereof.

Claims 25-26 (canceled)

1 Claim 27 (previously presented): A digital camera
2 employed for a print system formed of the digital camera
3 and a printer, each including control means for
4 controlling operations thereof, functionally connected
5 one to another, the digital camera comprising:

6 image taking means for obtaining image data
7 corresponding to a subject;

8 image data transmitting means for supplying the
9 image data forming an image which is to be printed with
10 the printer, of the image data acquired by the image-
11 taking means, to the printer, under control of the
12 control means thereof and the control means of the
13 printer, communicating with each other;

14 a charging circuit for charging a secondary battery
15 employed as a power source thereof by receiving electric
16 power supplied from the printer;

17 a battery monitoring circuit unit for detecting and
18 monitoring a state of the secondary battery, and
19 supplying the detected state to the control means
20 thereof;

21 display means for displaying a state of each
22 function including the state of the secondary battery on

23 a predetermined display unit under control of the control
24 means thereof; and
25 an operation unit for receiving operations performed
26 by the user,
27 wherein in a case that a display is performed for an
28 image which is to be printed, or which is a candidate to
29 be printed, on the display unit, and the user performs no
30 operation for the operation unit for a predetermined
31 second period of time or more, and in the event that the
32 secondary battery is not being presently charged, the
33 display is turned off, and on the other hand, in the
34 event that the secondary battery is being presently
35 charged, the display is automatically switched to a
36 display for notifying the state of the secondary battery,
37 and furthermore, in the event that the display is
38 performed for notifying the state of the secondary
39 battery due to the switching, and the user performs no
40 operation for the operation unit for a predetermined
41 first period of time or more, the display is turned off,
42 under control of the control means thereof.

Claims 28-31 (canceled)

1 Claim 32 (previously presented): A print system formed
2 of a digital camera and a printer, each including control
3 means for controlling operations thereof, functionally
4 connected one to another;
5 wherein the digital camera has a configuration
6 wherein data forming an image which is to be printed with
7 the printer can be supplied to the printer, a secondary

8 battery, which is a power source thereof, can be charged
9 by receiving electric power supplied from the printer,
10 wherein a state of each function including a state of the
11 secondary battery can be displayed on a predetermined
12 display unit, under control of the control means thereof;

13 wherein the printer has a configuration wherein an
14 image can be printed based upon the image data supplied
15 from the digital camera, and electric power can be
16 supplied to the digital camera so as to charge the
17 secondary battery thereof, under control of the control
18 means thereof; and

19 wherein a first display arrangement wherein an image
20 which is to be printed, or which is a candidate to be
21 printed, is displayed as a main display with a relatively
22 large size, and a display for notifying the state of the
23 secondary battery is displayed as a sub-display with a
24 relatively small size, on the same screen on the
25 predetermined display unit of the digital camera, and a
26 second display arrangement wherein a display for
27 notifying the state of the secondary battery is displayed
28 as a main display with a relatively large size, and an
29 image which is to be printed, or which is a candidate to
30 be printed, is displayed as a sub-display with a
31 relatively small size, on the same screen, are freely
32 selected by the user, under control of the control means.

1 Claim 33 (previously presented): A print system formed
2 of a digital camera and a printer, each including control
3 means for controlling operations thereof, functionally
4 connected one to another;

5 wherein the digital camera has a configuration
6 wherein data forming an image which is to be printed with
7 the printer can be supplied to the printer, a secondary
8 battery, which is a power source thereof, can be charged
9 by receiving electric power supplied from the printer,
10 wherein a state of each function including a state of the
11 secondary battery can be displayed on a predetermined
12 display unit, under control of the control means thereof;

13 wherein the printer has a configuration wherein an
14 image can be printed based upon the image data supplied
15 from the digital camera, and electric power can be
16 supplied to the digital camera so as to charge the
17 secondary battery thereof, under control of the control
18 means thereof; and

19 wherein in a case that a display is performed for an
20 image which is to be printed, or which is a candidate to
21 be printed, on the predetermined display unit of the
22 digital camera, and the user performs no operation for
23 the digital camera for a predetermined second period of
24 time or more, and in the event the secondary battery is
25 not being presently charged, the display is turned off,
26 and on the other hand, in the event that the secondary
27 battery is being presently charged, the display is
28 automatically switched to a display for notifying the
29 state of the secondary battery, and furthermore, in the
30 event that the display is performed for notifying the
31 state of the secondary battery due to the switching, and
32 the user performs no operation for the digital camera for
33 a predetermined first period of time or more, the display
34 is turned off, under control of the control means.

1 Claim 34 (previously presented): A print system formed
2 of a digital camera and a printer, each including control
3 means for controlling operations thereof, functionally
4 connected one to another,

5 wherein the digital camera includes: image data
6 transmitting means for supplying image data forming an
7 image which is to be printed with the printer, of the
8 image data acquired by the image-taking means, to the
9 printer, under control of the control means thereof and
10 the control means of the printer, communicating with each
11 other; a charging circuit for charging a secondary
12 battery employed as a power source thereof by receiving
13 electric power supplied from the printer; a battery
14 monitoring circuit unit for detecting and monitoring a
15 state of the secondary battery, and supplying the
16 detected state to the control means of the digital
17 camera; display means for displaying a state of each
18 function including the state of the secondary battery on
19 a predetermined display unit under control of the control
20 means of the digital camera and an operation unit for
21 receiving operations performed by the user;

22 wherein the printer includes: image data receiving
23 means for receiving image data supplied from the digital
24 camera, under control of the control means thereof and
25 the control means of the digital camera, communicating
26 with each other; printing means having a configuration
27 wherein an image can be printed based upon the received
28 image data; and an electric power supply circuit having a
29 configuration wherein electric power can be supplied to
30 the digital camera so as to charge the secondary battery;
31 and

wherein the digital camera has a configuration wherein a first display arrangement wherein an image which is to be printed, or which is a candidate to be printed, is displayed as a main display with a relatively large size, and a display for notifying the state of the secondary battery is displayed as a sub-display with a relatively small size, on the same screen on the display unit of the digital camera, and a second display arrangement wherein a display for notifying the state of the secondary battery is displayed as a main display with a relatively large size, and an image which is to be printed, or which is a candidate to be printed, is displayed as a sub-display with a relatively small size, on the same screen, are freely selected by the user performing operations for the operation unit, under control of the control means thereof.

Claim 35 (previously presented): A print system formed of a digital camera and a printer, each including control means for controlling operations thereof, functionally connected one to another,

wherein the digital camera includes: image data transmitting means for supplying image data forming an image which is to be printed with the printer, of the image data acquired by the image-taking means, to the printer, under control of the control means thereof and the control means of the printer, communicating with each other; a charging circuit for charging a secondary battery employed as a power source thereof by receiving electric power supplied from the printer; a battery monitoring circuit unit for detecting and monitoring a

15 state of the secondary battery, and supplying the
16 detected state to the control means of the digital
17 camera; display means for displaying a state of each
18 function including the state of the secondary battery on
19 a predetermined display unit under control of the control
20 means of the digital camera and an operation unit for
21 receiving operations performed by the user;

22 wherein the printer includes: image data receiving
23 means for receiving image data supplied from the digital
24 camera, under control of the control means thereof and
25 the control means of the digital camera, communicating
26 with each other; printing means having a configuration
27 wherein an image can be printed based upon the received
28 image data; and an electric power supply circuit having a
29 configuration wherein electric power can be supplied to
30 the digital camera so as to charge the secondary battery;
31 and

32 wherein the digital camera has a configuration wherein in
33 a case that a display is performed for an image which is
34 to be printed, or which is a candidate to be printed, on
35 the display unit, and the user performs no operation for
36 the operation unit for a predetermined second period of
37 time or more, and in the event the secondary battery is
38 not being presently charged, the display is turned off,
39 and on the other hand, in the event that the secondary
40 battery is being presently charged, the display is
41 automatically switched to a display for notifying the
42 state of the secondary battery, and furthermore, in the
43 event that the display is performed for notifying the
44 state of the secondary battery due to the switching, and
45 the user performs no operation for the operation unit for

46 a predetermined first period of time or more, the display
47 is turned off, under control of the control means
48 thereof.